

**CLASS DETECTION SCHEME AND TIME MEDIATED AVERAGING
OF CLASS DEPENDENT MODELS**

ABSTRACT

A method, system, and computer program for class detection and
5 time mediated averaging of class dependent models. A technique is
described to take advantage of gender information in training data and
how obtain female, male, and gender independent models from this
information. By using a probability value to average male and female
Gaussian Mixture Models (GMMs), dramatic deterioration in cross gender
10 decoding performance is avoided.